through hole mounting position (69) and secured in place by placing the wing nut (41) into the drilled and tapped mounting hole (59).

[0044] Both units can now be joined by placing the front end of the rear stand tube into the end of the front bridge stand completing the joined assembly FIG. 1 & FIG. 8). For manufacturing packaging the fixed setting will be positions (33 & 46). The operator can change and set the desired length by using positions (34, 35, 36, or 37), and/or the elevation settings of (47, 48, 49, or 50).

[0045] Faced with a jump shot situation the operator completes his shot evaluation, chooses the angle settings (Example settings AP1 & HP1), determine proper table position for placement of the assembled unit, insert the cue stick through the shooting aperture, make any final position adjustments, with one hand holding the Jump Bridge firmly positioned in place, and the other hand holds the cue stick and provides the jump Shot Stroke. Operator must make the shot and then quickly lift up and remove the jump Bridge and cue stick from the table surface.

Claims

I CLAIM:

[c1]   An apparatus and method for propelling a cue ball over another ball of equal size comprising:

A adjustable angle mechanism whereby the front assembly used with the rear stand assembly removed provides a common jump shot angle of approximately 45 degrees, of which can be further adjusted by shortening or lengthening the front stand, and/or shortening or lengthening the front handle in the assembly or manufacturing process.

[c2]   An apparatus and method for propelling a cue ball over another ball of equal size comprising:

An adjustable angle mechanism whereby both front and rear stand assemblies are attached and the front handles elongated adjustment mechanism provides impeding ball clearance and added multiple jump shot angles.

c3]   An apparatus and method for propelling a cue ball over another ball of equal size comprising:

A adjustable rear stand mechanism whereby the rear stand connected to the front stand can be elevated to a variable height. The upward adjustments provides the handle mechanism clearance over impeding balls, and additional multiple jump shot angles.

[c4]   An apparatus and method for propelling a cue ball over another ball of equal size comprising:

A adjustable bridgehead mechanism housing the cue stick aperture cylinder, and the internally mounted momentum braking insert having memory conforming elasticity. The insert at its upper limits allows the cue stick to travel through the shooting aperture unimpeded. As the cues shaft moves forward it compresses the seal whereby aiding in the process of evenly diminishing cue tip impact onto the table. Upon the stroke withdrawal the seal returns to its original conformation

[c 5]   An apparatus and method for propelling a cue ball over another ball of equal size comprising:

A aiming channel located on the end of the adjustable bridgehead whereby the operator during placement of the apparatus must properly align cue sticks contact to center cue ball, cue ball aimed to the center of the object ball, and maintain the correct jump shot angle by keeping the cue stick shaft mounted in the cue stick aperture in parallel with the aiming channel. The aiming channel can incorporate a concave view, or any other shape configuration amenable to aid in the alignment procedure.

[c6]   An apparatus and method for propelling a cue ball over another ball of equal size comprising:

A cue stick practice collar mechanism whereby the operator can mount to any cue stick in play for purposes of limiting cue stick travel through the bridgeheads cue stick aperture. The inner wall of the collar is a cushioned seal to protect the cue stick shaft from damage when the collar is tightened, and the lower part of the cushioned seal acts as a shock absorbing bumper to protect the top of the Cue Stick Aperture. Operator placement of the practice collar mechanisms on the cue stick shaft predetermines the cue sticks travel distance. Usually just short of contact of the cue tip to the table surface.

8